

Title (en)

Process for microencapsulation using oil soluble emulsifiers

Title (de)

Verfahren zur Mikroverkapselung unter Verwendung öllöslicher Emulgatoren

Title (fr)

Procédé de microencapsulation utilisant des émulsifiants solubles dans l'huile

Publication

EP 0706822 A3 19960717 (DE)

Application

EP 95115515 A 19951002

Priority

DE 4436535 A 19941013

Abstract (en)

[origin: EP0706822A2] Prodn. of microcapsule dispersions comprises forming an oil-in-water emulsion by emulsifying: a) an oil phase contg. an oil-soluble emulsifier, a substance to be encapsulated and a lipophilic cpd. capable of undergoing surface polyaddition; and b) a water phase contg. the second component required for the polyaddition. Pref. the oil-soluble emulsifier is a fatty acid ester, fatty acid amide, polyglycol ether or propylene glycol ether which is soluble to at least 0.1 wt.% in the oil phase, pref. a fatty alcohol polyglycol ether of formula $\text{CH}_3(\text{CH}_2)_x\text{-CH}_2\text{-O-(CH}_2\text{CH}_2\text{O)}_y\text{-H}$ (I). $x = 10\text{-}16$; $y = 4\text{-}12$.

IPC 1-7

B01J 13/16

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CPC (source: EP US)

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Citation (search report)

- [YD] EP 0278878 A1 19880817 - RHONE POULENC CHIMIE [FR]
- [AD] US 5164126 A 19921117 - KALISHEK ROBERT J [US], et al
- [Y] PATENT ABSTRACTS OF JAPAN vol. 016, no. 128 (C - 0924) 2 April 1992 (1992-04-02)
- [A] PATENT ABSTRACTS OF JAPAN vol. 006, no. 068 (C - 100) 30 April 1982 (1982-04-30)

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